1. Product and Company Identification

Material name: CN836Series
Version #: 01
Issue date: 05-Sep-2013
Product use: Inkjet printing
Synonym(s): HP XP221 Light Yellow Scitex Ink
Company identification:
Hewlett-Packard Company
3000 Hanover Street
Palo Alto, CA 94304-1185
United States
Telephone 650-857-5020
Hewlett-Packard health effects line
(Toll-free within the US) 1-800-457-4209
(Direct) 760-710-0048
HP Customer Care Line
(Toll-free within the US) 1-800-474-6836
(Direct) 1-208-323-2551
Email: hpcustomer.inquiries@hp.com

2. Hazards Identification

Potential health effects
- Eyes: Irritating to eyes.
- Ingestion: Harmful if swallowed.
Other hazards: Contains Nickel May cause cancer.

Diphenyl (2,4,6-trimethylbenzoyl) phosphineoxide - In animal testing, risk of impaired fertility was shown only after repeated ingestion of very high doses of this substance.

3. Composition / Information on Ingredients

<table>
<thead>
<tr>
<th>Hazardous components</th>
<th>CAS #</th>
<th>Percent</th>
</tr>
</thead>
<tbody>
<tr>
<td>2-phenoxyethyl Acrylate</td>
<td>48145-04-6</td>
<td>&lt;50</td>
</tr>
<tr>
<td>N-vinylcaprolactam</td>
<td>2235-00-9</td>
<td>&lt;25</td>
</tr>
<tr>
<td>Difunctional acrylic monomer</td>
<td>84170-74-1</td>
<td>&lt;5</td>
</tr>
<tr>
<td>Diphenyl (2,4,6-trimethylbenzoyl) phosphine</td>
<td>75980-60-8</td>
<td>&lt;5</td>
</tr>
<tr>
<td>Propiophenone derivative</td>
<td>Proprietary</td>
<td>&lt;2.5</td>
</tr>
<tr>
<td>Nickel, 5,5'-azobis-2,4,6(1H,3H,5H)-pyrimidinetrione Complexes</td>
<td>68511-62-6</td>
<td>&lt;1</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Non-hazardous components</th>
<th>CAS #</th>
<th>Percent</th>
</tr>
</thead>
<tbody>
<tr>
<td>Polyether Acrylate</td>
<td></td>
<td>&lt;20</td>
</tr>
<tr>
<td>Dipentaerythritol pentaacrylate esters</td>
<td>60506-81-2</td>
<td>&lt;2.5</td>
</tr>
</tbody>
</table>

4. First Aid Measures

General advice: No information

First aid procedures
- Eye contact: Do not rub eyes. Immediately flush with large amounts of clean, warm water (low pressure) for at least 15 minutes or until particles are removed. If irritation persists get medical attention.
- Skin contact: Wash affected area with mild soap and water. If irritation persists get medical attention.
- Inhalation: Move to fresh air. If symptoms persist, get medical attention.
5. Fire Fighting Measures

Flammable properties

None known.

Extinguishing media

Suitable extinguishing media
Dry powder. Carbon dioxide (CO2). Water may be ineffective.

Unsuitable extinguishing media
Water.

Protection of firefighters

Avoid runoff into storm sewers and ditches which lead to waterways.

Fire fighting equipment/instructions

Not available.

6. Accidental Release Measures

Personal precautions

Wear appropriate personal protective equipment.

Environmental precautions
Do not let product enter drains. Do not flush into surface water or sanitary sewer system.

Other information
Slowly vacuum or sweep the material into a bag or other sealed container. Soak up with inert absorbent material.

7. Handling and Storage

Handling

Avoid contact with skin, eyes and clothing.

Storage
Keep away from excessive heat or cold. Do not store in direct sunlight. Do not handle or store near an open flame, heat or other sources of ignition. Opaque, high density polyethylene (HDPE) containers are recommended for shipping and storage.

8. Exposure Controls / Personal Protection

Occupational exposure limits

<table>
<thead>
<tr>
<th>Components</th>
<th>Type</th>
<th>Value</th>
<th>Form</th>
</tr>
</thead>
<tbody>
<tr>
<td>Nickel, 5,5’-azobis-2,4,6(1H ,3H,5H)-pyrimidinethione Complexes (CAS 68511-62-6)</td>
<td>PEL</td>
<td>1 mg/m3</td>
<td>29 CFR 1910.1000 (Subpart Z)</td>
</tr>
<tr>
<td></td>
<td>TWA</td>
<td>1 mg/m3</td>
<td>29 CFR 1910.1000 (Subpart Z)</td>
</tr>
</tbody>
</table>

Exposure guidelines

Exposure limits have not been established for this product.

Engineering controls
Use in a well ventilated area. Additional area ventilation or local exhaust may be required to maintain air concentrations below recommended exposure limits.

Personal protective equipment

General hygiene considerations
Handle in accordance with good industrial hygiene and safety practice. Launder contaminated clothing before reuse. Keep away from food and drink.

9. Physical & Chemical Properties

Appearance
Liquid.

Physical state
Liquid.

Form
Not available.

Color
Light yellow.

Odor
Characteristic.

pH
Not applicable.

Vapor pressure
Not determined.

Boiling point
Not determined.

Melting point/Freezing point
Not determined.
<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Solubility (water)</td>
<td>Not available.</td>
</tr>
<tr>
<td>Specific gravity</td>
<td>Not available.</td>
</tr>
<tr>
<td>Flash point</td>
<td>Not available.</td>
</tr>
<tr>
<td>VOC</td>
<td>&lt; 95 g/L</td>
</tr>
<tr>
<td>Other information</td>
<td>For other VOC regulatory data/information see Section 15.</td>
</tr>
</tbody>
</table>

### 10. Chemical Stability & Reactivity Information

**Chemical stability**

Stable under recommended storage conditions.

**Conditions to avoid**

Exposure to sunlight.

**Incompatible materials**

oxidizing agents alkaline metals strong bases

**Hazardous decomposition products**

Nitrogen oxides (NOx). Carbon monoxide hydrocarbons

**Possibility of hazardous reactions**

Hazardous polymerization can occur with decreased inhibitor content.

### 11. Toxicological Information

**Serious eye damage/eye irritation**

Not available.

**Further information**

Complete toxicity data are not available for this specific formulation.

### 12. Ecological Information

**Ecotoxicity**

Not available.

**Persistence and degradability**

Not available.

### 13. Disposal Considerations

**Disposal instructions**

Do not dispose of together with general office waste. Do not allow this material to drain into sewers/water supplies. Dispose of waste material according to Local, State, Federal, and Provincial Environmental Regulations. Ensure collection and disposal with an appropriately licensed waste contractor.

### 14. Transport Information

**DOT**

Not regulated as dangerous goods.

**IATA**

Not regulated as dangerous goods.

**IMDG**

Not regulated as dangerous goods.

**RID**

Not regulated as dangerous goods.

**Further information**

Not a dangerous good under DOT, IATA, ADR, IMDG, or RID.

### 15. Regulatory Information

**US federal regulations**

All ingredients are listed or exempt

- **Drug Enforcement Administration (DEA). List 2, Essential Chemicals (21 CFR 1310.02(b) and 1310.04(f)(2) and Chemical Code Number**
  Not listed.

- **Drug Enforcement Administration (DEA). List 1 & 2 Exempt Chemical Mixtures (21 CFR 1310.12(c))**
  Not regulated.

- **DEA Exempt Chemical Mixtures Code Number**
  Not regulated.

- **TSCA Section 12(b) Export Notification (40 CFR 707, Subpt. D)**
  Not regulated.

**CERCLA (Superfund) reportable quantity**

None
Superfund Amendments and Reauthorization Act of 1986 (SARA)

Hazard categories
Immediate Hazard - Yes
Delayed Hazard - Yes
Fire Hazard - No
Pressure Hazard - No
Reactivity Hazard - No

SARA 302 Extremely hazardous substance
No

SARA 311/312 Hazardous chemical
No

Other information
VOC content (less water, less exempt compounds) = <95 g/L (U.S. requirement, not for emissions) VOC data based on formulation (Organic compounds minus solids)

Other regulations
Notified according to EU Regulations.

State regulations
US. Massachusetts RTK - Substance List
Not regulated.

US. Pennsylvania RTK - Hazardous Substances
Not regulated.

US. Rhode Island RTK
Not regulated.

16. Other Information

HMIS® ratings
Health: 2
Flammability: 1
Physical hazard: 2

NFPA ratings
Health: 2
Flammability: 1
Instability: 2

Disclaimer
This Safety Data Sheet document is provided without charge to customers of Hewlett-Packard Company. Data is the most current known to Hewlett-Packard Company at the time of preparation of this document and is believed to be accurate. It should not be construed as guaranteeing specific properties of the products as described or suitability for a particular application. This document was prepared to the requirements of the jurisdiction specified in Section 1 above and may not meet regulatory requirements in other countries.

Other information
This MSDS was prepared in accordance with USA OSHA Hazard Communications regulation (29 CFR 1910.1200).

Issue date
05-Sep-2013

This data sheet contains changes from the previous version in section(s):
Hazards Identification: Other hazards
Composition / Information on Ingredients: Ingredients
5. Fire Fighting Measures: Protective equipment and precautions for firefighters
9. Physical & Chemical Properties: Other information
14. Transport Information: Further information
15. Regulatory Information: Other information

Manufacturer information
Hewlett-Packard Company
3000 Hanover Street
Palo Alto, California 94304-1112 US
(Direct) +972 (9) 892-4628
**Explanation of abbreviations**

<table>
<thead>
<tr>
<th>Abbreviation</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>ACGIH</td>
<td>American Conference of Governmental Industrial Hygienists</td>
</tr>
<tr>
<td>CAS</td>
<td>Chemical Abstracts Service</td>
</tr>
<tr>
<td>CERCLA</td>
<td>Comprehensive Environmental Response Compensation and Liability Act</td>
</tr>
<tr>
<td>CFR</td>
<td>Code of Federal Regulations</td>
</tr>
<tr>
<td>COC</td>
<td>Cleveland Open Cup</td>
</tr>
<tr>
<td>DOT</td>
<td>Department of Transportation</td>
</tr>
<tr>
<td>EPCRA</td>
<td>Emergency Planning and Community Right-to-Know Act (aka SARA)</td>
</tr>
<tr>
<td>IARC</td>
<td>International Agency for Research on Cancer</td>
</tr>
<tr>
<td>NIOSH</td>
<td>National Institute for Occupational Safety and Health</td>
</tr>
<tr>
<td>NTP</td>
<td>National Toxicology Program</td>
</tr>
<tr>
<td>OSHA</td>
<td>Occupational Safety and Health Administration</td>
</tr>
<tr>
<td>PEL</td>
<td>Permissible Exposure Limit</td>
</tr>
<tr>
<td>RCRA</td>
<td>Resource Conservation and Recovery Act</td>
</tr>
<tr>
<td>REC</td>
<td>Recommended</td>
</tr>
<tr>
<td>REL</td>
<td>Recommended Exposure Limit</td>
</tr>
<tr>
<td>SARA</td>
<td>Superfund Amendments and Reauthorization Act of 1986</td>
</tr>
<tr>
<td>STEL</td>
<td>Short-Term Exposure Limit</td>
</tr>
<tr>
<td>TCLP</td>
<td>Toxicity Characteristics Leaching Procedure</td>
</tr>
<tr>
<td>TLV</td>
<td>Threshold Limit Value</td>
</tr>
<tr>
<td>TSCA</td>
<td>Toxic Substances Control Act</td>
</tr>
<tr>
<td>VOC</td>
<td>Volatile Organic Compounds</td>
</tr>
</tbody>
</table>